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SYSTEM FOR DISPLAYING, STORING AND
RETRIEVING IMAGES

First Named Inventor (or Application Identifier):

John R. Fredlund, et al

Enclosed are:

1. Specification

2. 5 Sheet(s) of drawing(s)

3. Information Disclosure Statement Under 37 CFR 1.97.

4. Combined Declaration for Patent Application and Power of Attorney:

4a. New

4b. Copy from a prior application (37 CFR 1.63(d) (for continuation/divisional with Box 11 completed)

6. Assignment of the invention to
Eastman Kodak Company

7. Certified copy of a priority

8. Associate Power of Attorney

5. Incorporation by Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

10. If a 111A application prior to examination of the above-identified application, amend the specification at Page 1, after the title, by inserting the following:

--CROSS REFERENCE TO RELATED APPLICATION

Reference is made to and priority claimed from U.S. Provisional Application Serial No. , filed , entitled .

If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

11. Continuation Divisional Continuation-in-part (CIP) of prior application No. ,

12. Please address all written communications to Milton S. Sales, Patent Legal Staff, Eastman Kodak Company, 343 State Street, Rochester, NY 14650-2201.
Please Direct all telephone calls to Frank Pincelli at (716) 726-1111.

The filing fee has been calculated as shown below:

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Frank Pincelli/gmm
Telephone: (716) 726-1111
Facsimile: (716) 726-9178

Attorney for Applicants
Registration No. 27,370

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ORIGINAL

Application Based on

Docket **78685F-P**

Inventors: John R. Fredlund, Joseph A. Manico and Richard G. Mackson

**SYSTEM FOR DISPLAYING, STORING AND RETRIEVING
IMAGES**

Assistant Commissioner for Patents,
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SYSTEM FOR DISPLAYING, STORING AND RETRIEVING IMAGES

FIELD OF THE INVENTION

The present invention is directed to the field of storing and displaying print images, for identifying the source from which the images originated, and for storing the source of the original image.

BACKGROUND OF THE INVENTION

Typically, consumers receive individual photographic prints from photofinishers and the film negative from which the prints were made. The film negatives may be provided in cut strips loosely with the prints, or may be provided 10 in a film cassette having a cartridge ID if the prints were obtained from APS film (Advanced Photographic System, recently introduced). The loosely provided prints tend to make it difficult for the owners to store or view the prints. When prints provided from APS film are returned to the customer, index prints are also provided. The index print allows the identifying and locating of particular images 15 returned in the APS film cartridge. This, of course, provides an added print at added cost to the photofinisher.

In U.S. Serial No. 08/455,770, filed May 31, 1995, entitled "Dual Sides Photographic Album Leaf and Method of Making," there is disclosed providing to the customer one or more album leaves containing the images on the 20 roll of film. These leaves may be used to provide all of the service prints present on the negative filmstrip. However, it is difficult to relate the images on the album page to the individual negatives from the roll of film from which it originated. The customer must first sort through the separate index prints returned to the customer, which may not be conveniently located.

25 Applicants have invented an improved album page and system for displaying, storing and retrieving of images which overcomes many of the storing, displaying and retrieving problems of the prior art.

SUMMARY OF THE INVENTION

The present invention is directed to overcoming one or more of the 30 problems set forth above. According to one aspect of the present invention, there is provided an album leaf having a first side and a second side, the first side

having a plurality of images formed thereon, and a first icon for identifying a first source from which at least one of the plurality of images originated.

In accordance with another aspect of the present invention there is provided a system for displaying, storing and retrieving images, comprising:

- 5 an album leaf having a first side and a second side, the first side having a plurality of images formed thereon, and a first icon for identifying a first source from which at least one of the plurality of images originated; and
- 10 a binder for containing a plurality of the album leaves, the album having a plurality of retaining means for holding items containing the original source of the images contained in the album leaf.

In accordance with another aspect of the present invention there is provided a system for displaying, storing and retrieving images, comprising:

- 15 an album leaf having a first side and a second side, the first side having a plurality of images formed thereon and an icon for identifying a first source from which the at least one of the plurality of images originated;
- 20 a binder for containing a plurality of the album leaves; and
- a retaining album leaf having a plurality of retaining means for holding items containing the original source of the images contained in the album leaf.

- 25 In accordance with yet another aspect of the present invention there is provided a source retaining album leaf for placement in a binder having at least one album leaf placed therein, the album leaf having a first side and a second side, the first side having a plurality of images formed thereon and a first icon for identifying the a first source from which at least one of the plurality of images on the first side originated, the source retaining album leaf having a plurality of retaining means for holding items containing the original source of the images contained in the album leaf.

- 30 In another aspect of the present invention there is provided an image-bearing media having a first side and a second side, the first side having at least one image formed thereon and a first icon for identifying a first source from which at least one image originated.

In still another aspect of the present invention there is provided a system for displaying, storing and retrieving images, comprising:

an image-bearing media having a first side and a second side, the first side having at least one image formed thereon originating from a first source
5 and an icon for identifying the first source of the at least one image; and

a binder for containing a plurality of the album leaves, the album having a plurality of retaining means for holding items containing the original source of the images contained in the album leaf.

10 The above, and other objects, advantages and novel features of the present invention will become more apparent from the accompanying detailed description thereof when considered in conjunction with the following drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

In the detailed description of the preferred embodiments of the invention presented below, reference is made to the accompanying drawings in which:

Fig. 1 is a front elevational view of an album leaf made in accordance with the present invention;

Fig. 2 is a back elevational view of the album leaf of Fig. 1;

20 Fig. 3 is a perspective view of a sheet of photographic material illustrating how the album leaf of Figs. 1 and 2 may be formed;

Fig. 4 is a perspective view of a photographic album containing a plurality of album leaves made in accordance with the present invention; and

Fig. 5 is a perspective view of an album leaf for holding a plurality of film cartridges, each containing a strip of photographic film.

DETAILED DESCRIPTION OF THE INVENTION

The present description will be directed in particular to elements forming part of, or in cooperation more directly with, the apparatus in accordance with the present invention. It is understood that elements not specifically shown or described may take various forms well known to those skilled in the art.

30 Referring to Figs. 1-4, there is illustrated an album leaf 10 made in accordance with the present invention. The leaf 10 includes a first side 12 and a second side 14. The first side 12 includes a plurality of images 15,16,17,18,19 and

the second side includes a plurality of images 21,22,23,24,25. Also provided in the preferred embodiment is a plurality of holes 28 in a margin area 29, which can be used for mounting of the leaf in an album. The width d of margin area 29 may be of any desired size. In the particular embodiment illustrated, the width d is
5 about one inch (2.54 cm).

As can be seen by Figs. 1 and 2, the various size images are composed so as to substantially fill the space on each side 12,14. Also, as illustrated, various combinations and sizes of prints may be placed together. For example, as illustrated in Fig. 1, the images 15,16,18,19 are similar in size and
10 whereas image 17 is of a substantially different size format, such as the C, H, and P formats of the Advanced Photo System. It is to be understood that any desired size images and/or number of images may be provided on either of sides 12,14. The images have been either automatically composed by the printing device, or printed in accordance with customer instructions. This can be done by optical
15 printers such as the Kodak S-Series Printer, which prints multiple images on a single web of photosensitive paper. Alternatively, digital printers, such as the Kodak PCD 600 CRT Printer and the Kodak HLT-7720 Continuous Tone Digital Printer, can be used which allows for free form formatting of the images. It is, of course, understood that other type printers, such as laser, thermal, ink jet, or
20 electrophotographic printers, may be used as desired. In the embodiment illustrated, images 15,16,18,19 each have a size of about 3-1/2 inches x 4-7/8 inches, and image 17 is equivalent to a panoramic-type image, which have a size of approximately 3-1/2 inches x 9-3/4 inches. Likewise, on the second side 14, images 21,22,23,24 are substantially equal size, whereas image 25 is of a
25 substantially greater size.

Referring to Fig. 3, there is illustrated a sheet 30 made of an image-bearing media. In the embodiment illustrated, sheet 30 is a photosensitive material. In particular, the photosensitive material is photographic paper, which has an image forming side 32 and a backside 34. As is typical with photosensitive
30 material, the image forming side 32 includes an emulsion layer 33 upon which an image can be formed. The backside of the material merely provides the supporting substrate for holding of the emulsion layer. The sheet 30 has a thickness t. The thickness t may be any thickness desired. Preferably, the thickness t is minimal so that the album page will not be too thick, yet provide the
35 desired rigidity. Generally the thickness t will be in the range of 0.05 mm to

0.5 mm. In the particular embodiment illustrated, the thickness t is approximately 0.2 mm.

As illustrated in Fig. 3, images 15,16,17,18,19,21,22,23,24,25 have been formed on the image forming side 32 of sheet 30 by an appropriate printer, such as previously described. The images 15,16,17,18,19 have been composed into a first image retaining section 36, whereas images 21,22,23,24,25 have been composed onto a second image retaining section 38. These image retaining sections 36,38 may be sized and configured as desired. Preferably, the image retaining sections 36,38 are designed so as to correspond to the first and second sides 12,14 of leaf 10, respectively. In the preferred embodiment illustrated, a space 43 having a width d_1 is provided between first and second image retaining sections 36,38. Also, as preferably illustrated, a fold line 40 about which the sheet 30 is folded is provided in space 43. The width d_1 may be any desired size. In the embodiment illustrated, width d_1 is about 1.0 inches (2.54 cm). The fold line 40 is preferably located such that the first image section 36 and second image section 38 are substantially co-extensive with each other. As illustrated, lateral edge portions 42,44 are disposed adjacent first and second image sections 36,38, respectively, and placed adjacent each other so as to form the margin area 29 when sheet 30 is folded.

The images sent to the digital printer may be obtained by any desired manner. In the preferred embodiment of the present invention, a digital printer, such as the Kodak PCD-600 CRT Printer, is used so that free form formatting can be easily obtained in accordance with instructions provided by the consumer. The digital data information is representative of the images and can be obtained by scanning original images, either in the form of prints or negatives as is customarily done in the prior art. However, the digital data information may not be limited to images. The digital data information may also contain other information such as text, or the logos, images, etc., which can be added to the scanned data. Also the digital data may be obtained in any desired manner, for example, by computers or other devices which contains digital files such as CDs or from data contained in the magnetics on film. A digital record is formed from the scanned information and any other digital information provided. This digital record is then composed into first and second digital sub-records. The first and second digital sub-records are used to print images in the first and second image retaining sections 36,38, which will correspond to the sides 12,14 of the leaf 10. It is, of course, understood that the images may be composed in any desired manner.

Additionally, any text or other information provided, or manipulation of the data, may be conducted as desired. For example, but not by way of limitation, text, logos, or other images, could be added to the scanned images. Once the appropriate digital records have been formed, printing by the printer can then be 5 performed whereby the images and other text/images present in the digital records are appropriately printed on the photosensitive material. The developed photosensitive material is then taken from the printer where thereafter it is formed into the leaf 10.

Developed photographic material is folded in a manner such that 10 the backsides are brought back against each other and an appropriate adhesive is applied therebetween for securely holding the folded sections together. It is to be understood that the formation of the album leaf may take place in any appropriate manner. U.S. Serial No. 08/455,770, filed May 31, 1995, entitled "Dual Sides Photographic Album Leaf and Method of Making," provides further details by 15 which the leaf may be formed and which hereby is incorporated by reference in its entirety.

As illustrated in Figs. 1 and 2, icons (reference indicia) 50,52,54 are provided for identifying each of the images (15-25) and the source from which the images originate. In particular, referring to icon 50, it comprises a plurality of 20 silhouettes (an outline representation of the edges) of the actual images 15,16,17,18,19 provided on the first side 12. Additionally, the icons may be composed of thumbnail (miniature) image representations of the actual images. In particular, there are provided silhouettes 55,56,57,58,59, each of which refer to the location of its respective images 15,16,17,18,19. In the embodiment illustrated, 25 the source of the images is a filmstrip contained in a film cartridge having a cartridge ID number. The icon 50 includes an origination (source) identification 60 (ID) for identifying the source of the images. In the embodiment illustrated, the origination ID 60 is the film cartridge ID, which contains the film negative from which the images have been made. This information can be obtained by a 30 variety of sources as previously discussed. For example, when a customer order is received by a photofinisher for printing by the photofinisher, the cartridge ID (which represents the origination ID in this case) may be manually entered into the computer controlling scanning and printing, or can be machine read by any appropriate device for reading such number. Thus, the information relating to the 35 origination of the images may be obtained in any manner desired.

In each of the silhouettes 55,56,57,58,59 there is provided an image ID 61. In the embodiment illustrated, the image ID 61 identifies the location of the image on the source, which in the present embodiment is a filmstrip provided within the film cartridge. In the embodiment illustrated, the numeral represents the frame number on the filmstrip and the letters represent the format of the image; PAN represents a Panoramic format, CLS represents a classic format, and HD represents a portrait format. Thus, each of the images can be quickly related to a location on the filmstrip contained within a particular film cartridge from which the images originated and its current format. It is, of course, to be understood that any other identification location system may be provided as desired having any desired number of formats.

Referring to Fig. 2, there is illustrated the second side 14, which has two icons 64,65, each having silhouettes of the images provided on the page. However, since some of the images originated from different sources, each of the icons are associated with a different source. Thus, icon 64 provides a cartridge ID 68 from which the images 21,24 originated, whereas icon 66 includes a cartridge ID 70 from which images 22,23,25 originated. In the particular embodiment illustrated, it can be seen that different icons are provided for identifying different sources. It is, of course, to be understood that various other systems may be utilized for identifying different sources for each of the images. For example, the cartridge ID could be somehow provided in each of the image silhouettes, which correspond to the images on that side of the album leaf.

As previously noted, there are provided a plurality of holes 28 in the margin area 29, which can allow the placement of the album leaf in a loose-leaf binder allowing the individual album leaves to be inserted or removed as desired. It is understood that any other type binder or holder may be used for holding the leaves through the holes 28 or any other binding system may be utilized for holding the leaves.

Referring to Fig. 4, there is illustrated a loose-leaf notebook 72 containing a front cover 74 and a back cover 76 having a plurality of rings 87 for holding of the album containing a plurality of album leaves 10. The rings pass through holes 28 provided in the leaves 10. The back cover 76 contains means for holding a plurality of film cartridges 79, each containing a filmstrip of the images provided in the leaves. In the particular embodiment illustrated, the back cover 76 is provided with a plurality of pockets 84, each designed to hold an individual film cartridge such that the cartridge ID provided on the cartridge will be visible when

that portion of the loose-leaf binder is revealed. Thus, if an individual is viewing the images on the album leaves and is interested in finding the original source reproduction, or for any other purpose, the individual simply opens up to the back and quickly locates the cartridge containing the image of interest.

5 It is, of course, understood that the cartridges are not required to be held in the magazine, but may be provided in a separate container wherein the cartridge IDs may be exposed or somehow otherwise written on a label placed on the back of the container.

Referring to Fig. 5, there is illustrated a leaf 80 in notebook 72, 10 identical numerals representing like parts previously discussed, for holding a plurality of film cartridges 79 that may be placed within the notebook 72. The leaf 80 includes a plurality of holes 28, which align with the appropriate rings 78 in the binder 72 and is further provided with a plurality of pockets, each designed to receive a film cartridge. Preferably, the pockets 88 are designed such that the film 15 cartridges 79 may be snapped in and snapped out as desired. This allows the owner of the album to either place the cartridges directly with the images, or if so desired, place them in a separate or different location from the images. Preferably, as illustrated, the pockets 88 are designed so that the cartridge ID 90 would be visible.

20 It is to be understood that the retaining means for holding the cartridges may be in any appropriate manner in the leaf or binder, for example, but not by way of limitation, snaps, use of Velcro™, or any other securing means that allows securing and removing of the film cartridge that is currently available, or may become available.

25 While the image-bearing media in the preferred embodiment illustrated is photographic media, the present invention is not so limited, for example, but not by way of limitation, images formed by laser printers and digital thermal printers can be used to print the images on the image-bearing media.

In the particular embodiment illustrated, the source of the image 30 was a filmstrip contained in a film cartridge, however, the present invention is not so limited. For example, but not by way of limitation, the source of the image may be a photo CD, computer disc, or transmitted from a digital memory source such as PC or other digital memory device. Appropriate source ID may be provided for each of the foregoing sources.

The invention has been described in detail with particular reference to certain preferred embodiments thereof, but it will be understood that variations and modifications can be effected within the scope of the invention.

PARTS LIST

- 10 Album leaf
- 12 First side
- 14 Second side
- 15 Image
- 16 Image
- 17 Image
- 18 Image
- 19 Image
- 21 Image
- 22 Image
- 23 Image
- 24 Image
- 25 Image
- 28 Holes
- 29 Margin area
- 30 Sheet
- 32 Image forming side
- 33 Emulsion layer
- 34 Backside
- 36 First image retaining section
- 38 Second image retaining section
- 40 Fold line
- 42 Lateral edge portion
- 43 Space
- 44 Lateral edge portion
- 50 Icon
- 52 Icon
- 54 Icon
- 55 Silhouettes
- 56 Silhouettes

- 57 Silhouettes
- 58 Silhouettes
- 59 Silhouettes
- 60 Origination identification
- 61 Image ID
- 64 Icon
- 65 Icon
- 66 Icon
- 68 Cartridge ID
- 70 Cartridge ID
- 72 Loose-leaf notebook
- 74 Front cover
- 76 Back cover
- 78 Rings
- 79 Film cartridges
- 80 Leaf
- 84 Pockets
- 87 Rings
- 88 Pockets
- 90 Cartridge ID

WHAT IS CLAIMED IS:

1. An album leaf having a first side and a second side, said first side having a plurality of images formed thereon, and a first icon for identifying a first source from which at least one of said plurality of images originated.

2. An album leaf according to claim 1 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.

3. An album leaf according to claim 2 wherein said album leaf is provided with a margin area separated from said images, said icon being placed in said margin area.

4. An album leaf according to claim 3 wherein said margin area further includes a plurality of openings for allowing the album leaf to be placed into a binder.

5. An album leaf according to claim 4 wherein said binder is a ring binder.

6. An album leaf according to claim 1 wherein a second icon is provided on said first side for identifying a second source of a second image of said plurality of images originated on said first side, said second source being different from said first source.

7. An album leaf according to claim 1 wherein said second side is also provided with a plurality of images and a second icon for identifying the source from which at least one of said plurality of images on said second side originated.

8. An album leaf according to claim 1 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID.

9. An album leaf according to claim 1 wherein said first source comprises a CD having an ID thereon.

10. An album leaf according to claim 1 wherein said first source comprises a computer disc having an ID thereon.

11. An album leaf according to claim 1 wherein said first source is a memory storage device.

12. An album leaf according to claim 1 wherein said leaf is made of a photographic paper.

13. A system for displaying, storing and retrieving images, comprising:

an album leaf having a first side and a second side, said first side having a plurality of images formed thereon, and a first icon for identifying a first source from which at least one of said plurality of images originated; and

a binder for containing a plurality of said album leaves, said album having a plurality of retaining means for holding items containing the original source of the images contained in said album leaf.

14. A system for displaying, storing and retrieving images according to claim 13 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.

15. A system for displaying, storing and retrieving images according to claim 14 wherein said album leaf is provided with a margin area separated from said images, said icon being placed in said margin area.

16. A system for displaying, storing and retrieving images according to claim 15 wherein said margin area further includes a plurality of openings for allowing the album leaf to be placed into a binder and said retaining means comprises a plurality of pockets.

17. A system according to claim 16 wherein said binder is a ring binder.

18. A system according to claim 13 wherein a second icon is provided on said first side for identifying a second source of a second image of said plurality of images originated on said first side, said second source being different from said first source.

19. A system according to claim 13 wherein said second side is also provided with a plurality of images and a second icon for identifying the source from which at least one of said plurality of images on said second side originated.

20. A system for displaying, storing and retrieving images according to claim 13 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID.

21 A system for displaying, storing and retrieving images according to claim 13 wherein said first source comprises a CD having an ID thereon.

22. A system for displaying, storing and retrieving images according to claim 13 wherein said first source comprises a computer disc having an ID thereon.

23. A system for displaying, storing and retrieving images according to claim 13 wherein said first source is memory storage device.

24. An album leaf according to claim 13 wherein said leaf is made of a photographic paper.

25. A system for displaying, storing and retrieving images, comprising:

an album leaf having a first side and a second side, said first side having a plurality of images formed thereon and an icon for identifying a first source from which said at least one of said plurality of images originated;

a binder for containing a plurality of said album leaves; and

a retaining album leaf having a plurality of retaining means for holding items containing the original source of the images contained in said album leaf.

26. A system for displaying, storing and retrieving images according to claim 25 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.

27. A system for displaying, storing and retrieving images according to claim 26 wherein said album leaf is provided with a margin area separated from said images, said icon being placed in said margin area and said retaining means comprises a plurality of pockets.

28. A system for displaying, storing and retrieving images according to claim 27 wherein said margin area further includes a plurality of openings for allowing the album leaf to be placed into a ring binder.

29. A system for displaying, storing and retrieving images according to claim 25 wherein said second side is also provided with a plurality of images and a second icon for identifying the images on said first side and the first source and/or a second source from which the images originated.

30. A system for displaying, storing and retrieving images according to claim 25 wherein a second icon is provided on said first side for identifying a second source from which at least one of said plurality of images originated, said second source being different from said first source.

31. A system for displaying, storing and retrieving images according to claim 25 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID.

32. A system for displaying, storing and retrieving images according to claim 25 wherein said first source comprises a CD having an ID thereon.

33. A system for displaying, storing and retrieving images according to claim 25 wherein said first source comprises a computer disc having an ID thereon.

34. A system for displaying, storing and retrieving images according to claim 25 wherein said first source is memory storage device.

35. A source retaining album leaf for placement in a binder having at least one album leaf placed therein, said album leaf having a first side and a second side, said first side having a plurality of images formed thereon and a first icon for identifying the a first source from which at least one of said plurality of images on said first side originated, said source retaining album leaf having a plurality of retaining means for holding items containing the original source of the images contained in said album leaf.

36. A source retaining album leaf according to claim 35 wherein said retaining means comprises a plurality of pockets.

37. A source retaining album leaf according to claim 35 wherein said retaining means comprises a plurality of snaps.

38. A source retaining album leaf according to claim 35 wherein said retaining means comprises a plurality of VelcroTM patches.

39. A source retaining album leaf according to claim 35 wherein said retaining means comprises a plurality of hook members.

40. An image-bearing media having a first side and a second side, said first side having at least one image formed thereon and a first icon for identifying a first source from which at least one image originated.

41. An image-bearing media according to claim 40 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.

42. An image-bearing media according to claim 41 wherein said image-bearing media is provided with a margin area separated from said images, said icon being placed in said margin area.

43. An image-bearing media according to claim 42 wherein said margin area further includes a plurality of openings for allowing the album leaf to be placed into a binder.

44. An image-bearing media according to claim 43 wherein said binder is a ring binder.

45. An image-bearing media according to claim 40 wherein a second icon is provided on said first side for identifying a second source of a second image of said plurality of images originated on said first side, said second source being different from said first source.

46. An image-bearing media according to claim 40 wherein said second side is also provided with at least one image and a second icon for identifying the source from which said at least one image on said second side originated.

47. An image-bearing media according to claim 40 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID thereon.

48. An image-bearing media according to claim 40 wherein said first source comprises a CD having an ID thereon.

49. An image-bearing media according to claim 40 wherein said first source comprises a computer disc having an ID thereon.

50. An image-bearing media according to claim 1 wherein said first source is memory storage device.

51. An image-bearing media according to claim 1 wherein said leaf is made of a photographic paper.

52. A system for displaying, storing and retrieving images, comprising:

an image-bearing media having a first side and a second side, said first side having at least one image formed thereon originating from a first source and an icon for identifying the first source of said at least one image; and

a binder for containing a plurality of said album leaves, said album having a plurality of retaining means for holding items containing the original source of the images contained in said album leaf.

53. A system for displaying, storing and retrieving images according to claim 52 wherein said icon comprises a silhouette of said plurality of images provided on said first side, an image ID, and an origination ID, said image ID and said origination ID being associated with said at least one of said plurality of images, said origination ID indicating said first source and said image ID indicating the location of said image on said first source.

54. A system for displaying, storing and retrieving images according to claim 53 wherein said album leaf is provided with a margin area separated from said images, said icon being placed in said margin area.

55. A system for displaying, storing and retrieving images according to claim 54 wherein said margin area further includes a plurality of openings for allowing image-bearing media to be placed into a binder and said retaining means comprises a plurality of pockets.

56. A system according to claim 55 wherein said binder is a ring binder.

57. A system according to claim 52 wherein a second icon is provided on said first side for identifying a second source of a second image of said plurality of images on said first side, said second source being different from said first source.

58. A system according to claim 52 wherein said second side is also provided with a plurality of images and a second icon for identifying the source from which at least one of said plurality of images on said second side originated.

59. A system for displaying, storing and retrieving images according to claim 52 wherein said first source comprises a film cartridge containing a strip of photographic film, said cartridge having an ID.

60. A system for displaying, storing and retrieving images according to claim 52 wherein said first source comprises a CD having an ID thereon.

61. A system for displaying, storing and retrieving images according to claim 52 wherein said first source comprises a computer disc having an ID thereon.

62. A system for displaying, storing and retrieving images according to claim 52 wherein said first source is memory storage device.

63. A system according to claim 52 wherein said image-bearing media is made of a photographic paper.

ABSTRACT OF THE DISCLOSURE

An improved album leaf and system for displaying, storing and retrieving images. The album leaf comprises a first side and a second side, the first side having a plurality of images formed thereon, and an icon for identifying the images on the first side and the source from which the images originated. A binder may include a plurality of the album leaves having a plurality of retaining means, for example, pockets for holding items containing the original source from which the images displayed in the album leaf originated. A separate source retaining leaf may be provided having holding means for retaining the original source from which the images displayed on the album leaf originated.

100 999 998 997 996 995 994 993 992 991 990 989 988 987 986 985 984 983 982 981 980 979 978 977 976 975 974 973 972 971 970 969 968 967 966 965 964 963 962 961 960 959 958 957 956 955 954 953 952 951 950 949 948 947 946 945 944 943 942 941 940 939 938 937 936 935 934 933 932 931 930 929 928 927 926 925 924 923 922 921 920 919 918 917 916 915 914 913 912 911 910 909 908 907 906 905 904 903 902 901 900 899 898 897 896 895 894 893 892 891 890 889 888 887 886 885 884 883 882 881 880 879 878 877 876 875 874 873 872 871 870 869 868 867 866 865 864 863 862 861 860 859 858 857 856 855 854 853 852 851 850 849 848 847 846 845 844 843 842 841 840 839 838 837 836 835 834 833 832 831 830 829 828 827 826 825 824 823 822 821 820 819 818 817 816 815 814 813 812 811 810 809 808 807 806 805 804 803 802 801 800 799 798 797 796 795 794 793 792 791 790 789 788 787 786 785 784 783 782 781 780 779 778 777 776 775 774 773 772 771 770 769 768 767 766 765 764 763 762 761 760 759 758 757 756 755 754 753 752 751 750 749 748 747 746 745 744 743 742 741 740 739 738 737 736 735 734 733 732 731 730 729 728 727 726 725 724 723 722 721 720 719 718 717 716 715 714 713 712 711 710 709 708 707 706 705 704 703 702 701 700 699 698 697 696 695 694 693 692 691 690 689 688 687 686 685 684 683 682 681 680 679 678 677 676 675 674 673 672 671 670 669 668 667 666 665 664 663 662 661 660 659 658 657 656 655 654 653 652 651 650 649 648 647 646 645 644 643 642 641 640 639 638 637 636 635 634 633 632 631 630 629 628 627 626 625 624 623 622 621 620 619 618 617 616 615 614 613 612 611 610 609 608 607 606 605 604 603 602 601 600 599 598 597 596 595 594 593 592 591 590 589 588 587 586 585 584 583 582 581 580 579 578 577 576 575 574 573 572 571 570 569 568 567 566 565 564 563 562 561 560 559 558 557 556 555 554 553 552 551 550 549 548 547 546 545 544 543 542 541 540 539 538 537 536 535 534 533 532 531 530 529 528 527 526 525 524 523 522 521 520 519 518 517 516 515 514 513 512 511 510 519 518 517 516 515 514 513 512 511 510 509 508 507 506 505 504 503 502 501 500 499 498 497 496 495 494 493 492 491 490 499 498 497 496 495 494 493 492 491 490 489 488 487 486 485 484 483 482 481 480 479 478 477 476 475 474 473 472 471 470 469 468 467 466 465 464 463 462 461 460 459 458 457 456 455 454 453 452 451 450 449 448 447 446 445 444 443 442 441 440 439 438 437 436 435 434 433 432 431 430 429 428 427 426 425 424 423 422 421 420 419 418 417 416 415 414 413 412 411 410 409 408 407 406 405 404 403 402 401 400 399 398 397 396 395 394 393 392 391 390 399 398 397 396 395 394 393 392 391 390 389 388 387 386 385 384 383 382 381 380 379 378 377 376 375 374 373 372 371 370 369 368 367 366 365 364 363 362 361 360 359 358 357 356 355 354 353 352 351 350 349 348 347 346 345 344 343 342 341 340 339 338 337 336 335 334 333 332 331 330 329 328 327 326 325 324 323 322 321 320 319 318 317 316 315 314 313 312 311 310 309 308 307 306 305 304 303 302 301 300 299 298 297 296 295 294 293 292 291 290 299 298 297 296 295 294 293 292 291 290 289 288 287 286 285 284 283 282 281 280 279 278 277 276 275 274 273 272 271 270 269 268 267 266 265 264 263 262 261 260 259 258 257 256 255 254 253 252 251 250 249 248 247 246 245 244 243 242 241 240 239 238 237 236 235 234 233 232 231 230 229 228 227 226 225 224 223 222 221 220 219 218 217 216 215 214 213 212 211 210 209 208 207 206 205 204 203 202 201 200 199 198 197 196 195 194 193 192 191 190 199 198 197 196 195 194 193 192 191 190 189 188 187 186 185 184 183 182 181 180 179 178 177 176 175 174 173 172 171 170 169 168 167 166 165 164 163 162 161 160 159 158 157 156 155 154 153 152 151 150 149 148 147 146 145 144 143 142 141 140 139 138 137 136 135 134 133 132 131 130 129 128 127 126 125 124 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

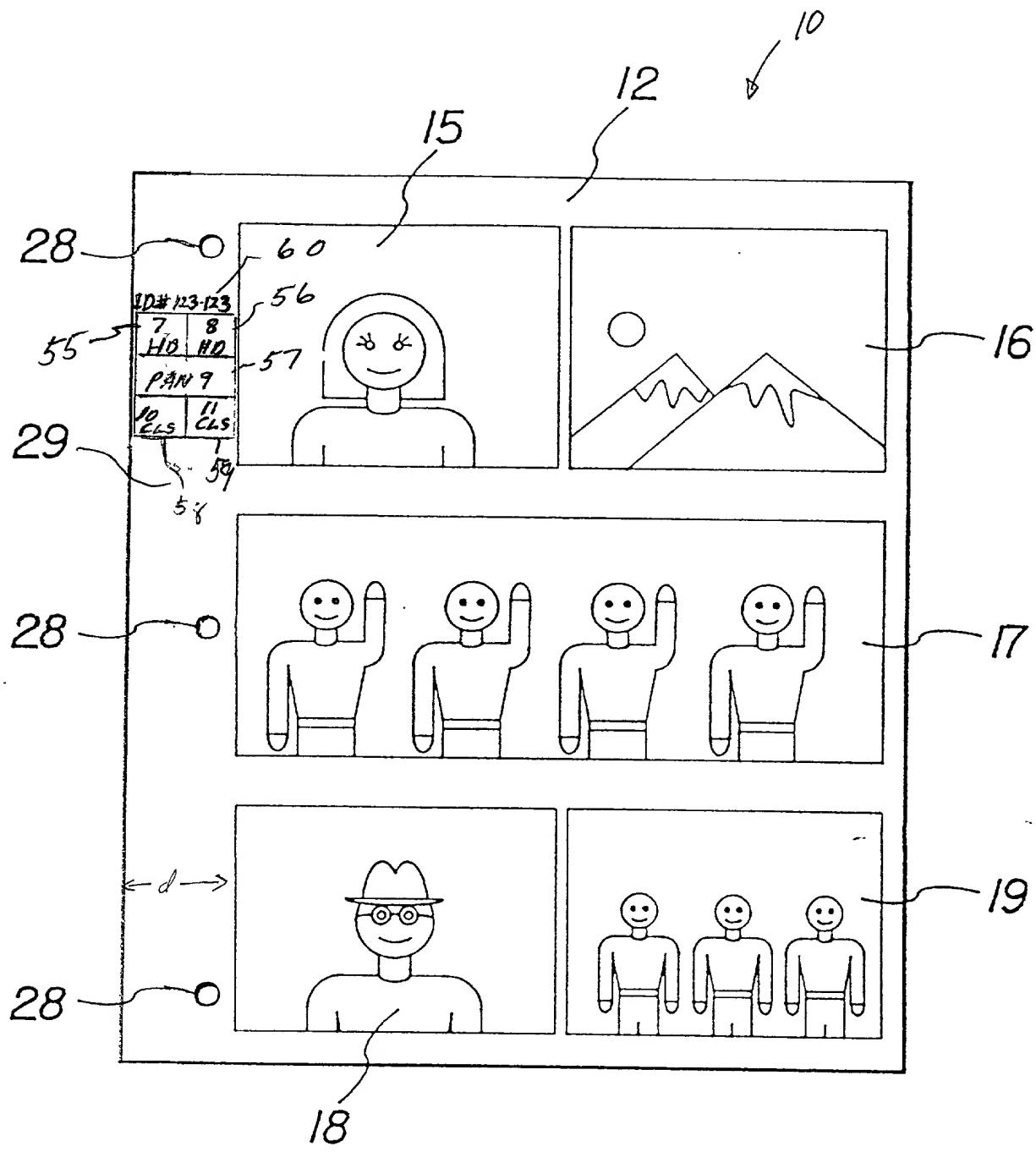


FIG. 1

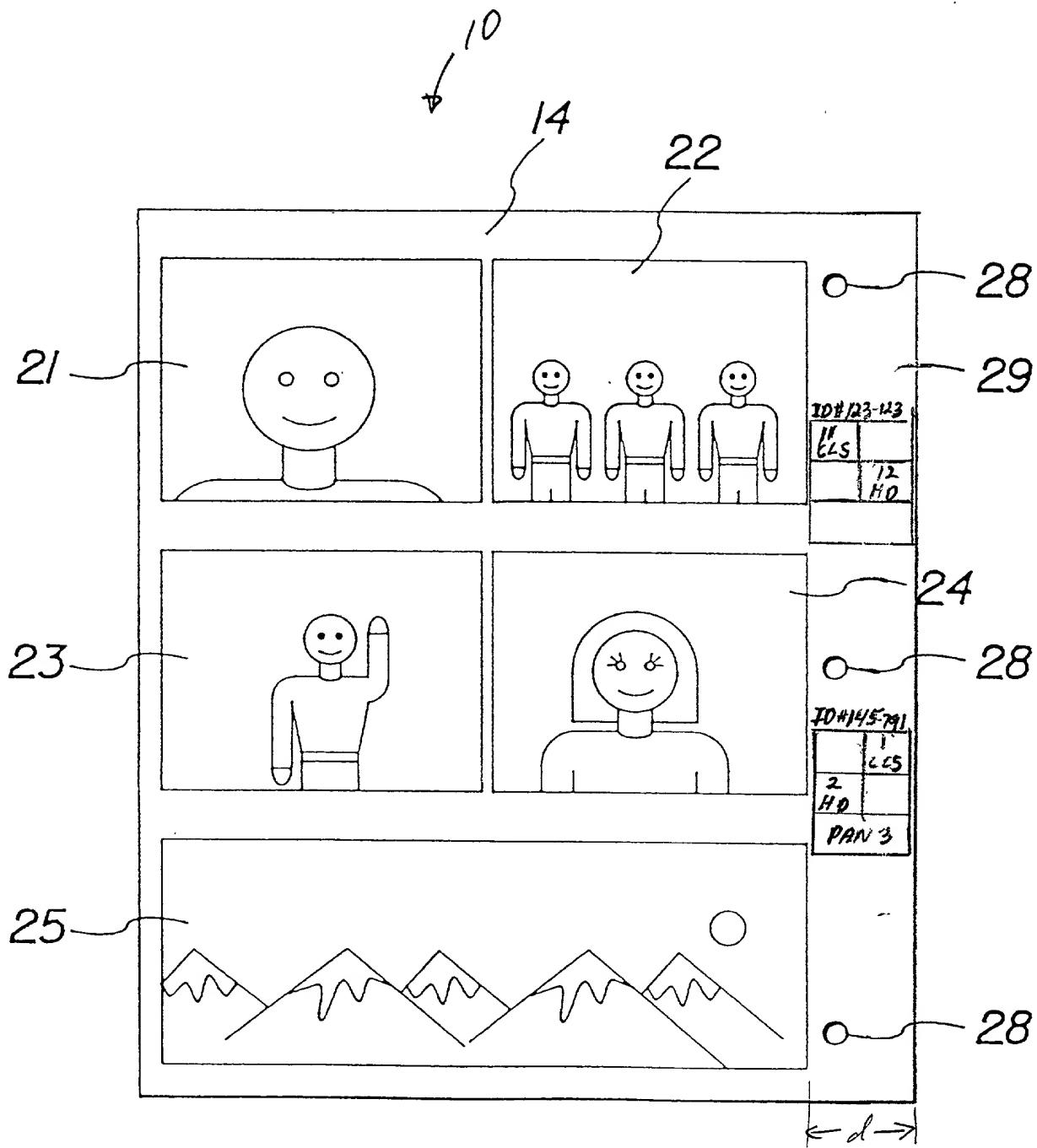


FIG. 2

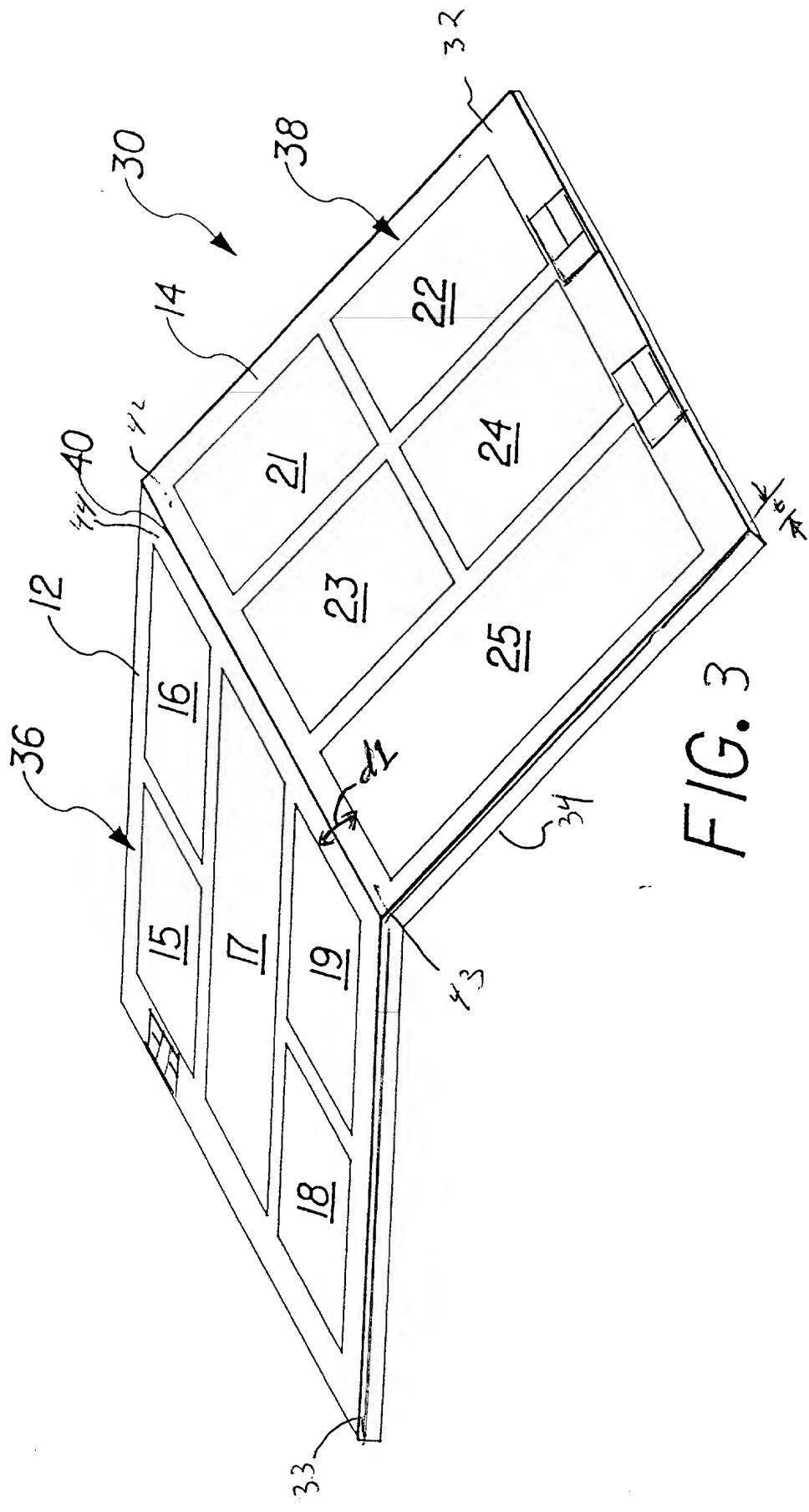


FIG. 3

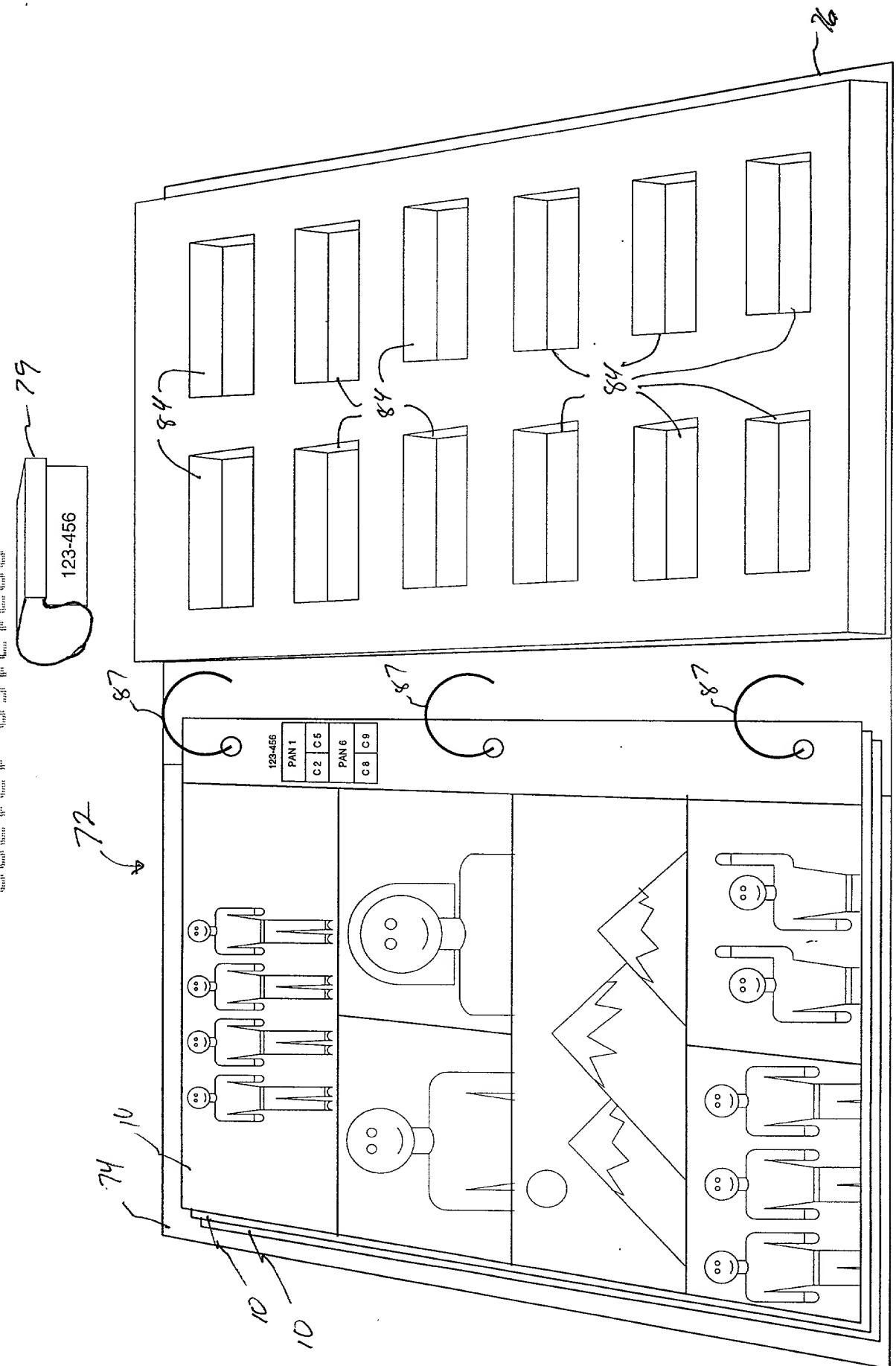
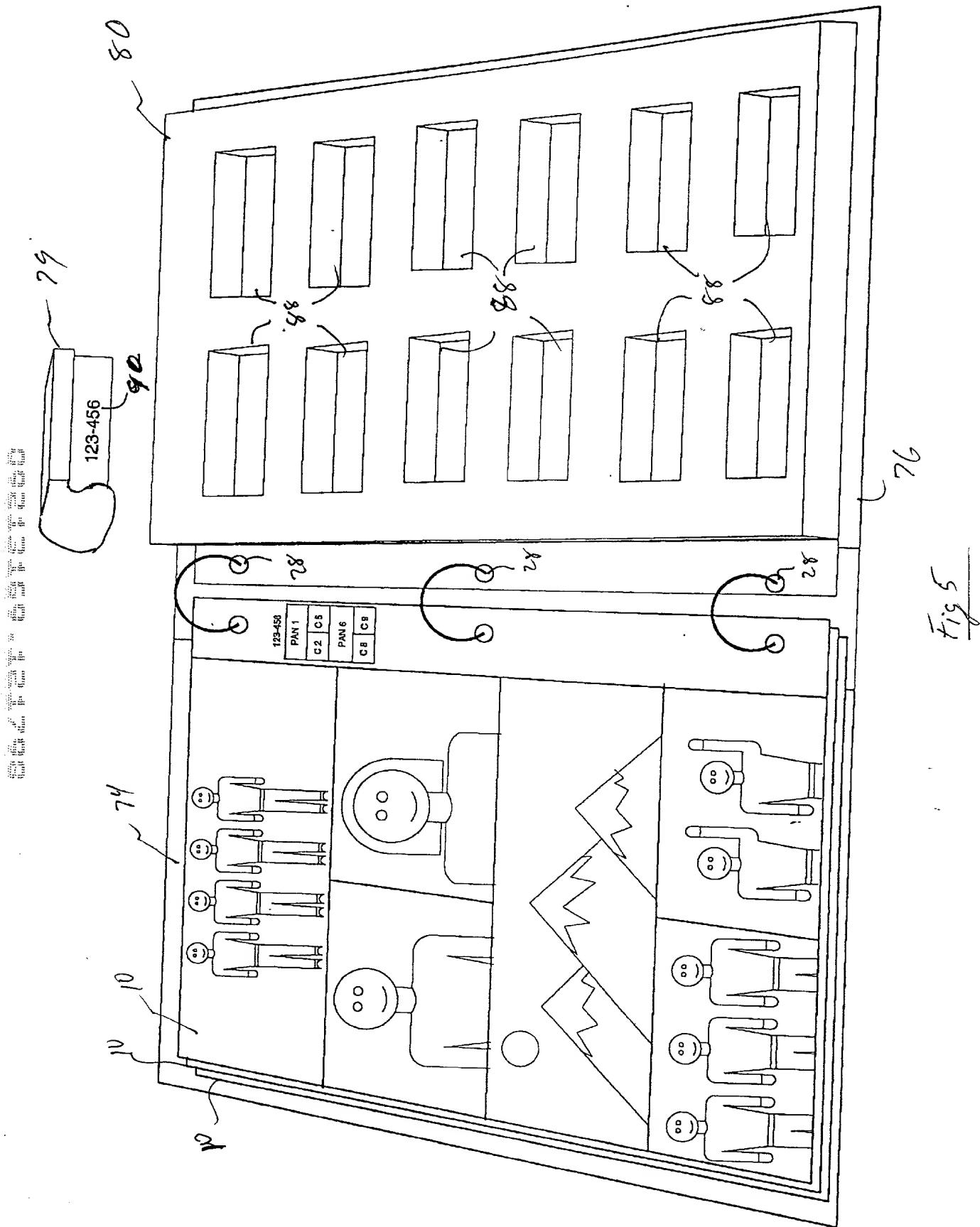


Fig 4



Combined Declaration For Patent Application and Power of Attorney

ATTORNEY DOCKET
78685F-P

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM FOR DISPLAYING, STORING AND RETRIEVING IMAGES

The specification of which (check only one item below):

 is attached hereto. was filed as United States Application Serial No. on and
was amended on (if applicable). was filed as PCT international application Number on and was amended under PCT Article 19 on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent & Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating a least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT, Indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day month year)	PRIORITY CLAIMED UNDER 35 USC §119		
			YES		NO
			YES		NO
			YES		NO
			YES		NO

I hereby claim the benefit under Title 35, United States Code, 119 §(e) of any United States provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119 (e):

PROVISIONAL APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any prior United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior applications(s) in the manner provided by the first paragraph of Title 35, §112, I acknowledge the duty to disclose to the U.S. Patent & Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR US APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S FOR BENEFIT UNDER 35USC§120:

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		

Combined Declaration For Patent Application and Power of Attorney (Continued)

ATTORNEY DOCKET
78685F-P

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (List name and registration number)

Frank Pincelli, Registration No. 27,370

Thomas H. Close, Registration No. 27,428

J. Lanny Tucker, Registration No. 27,678

Sarah Meeks Roberts, Registration No. 33,447

Arthur H. Rosenstein, Registration No. 24,352

Milton S. Sales, Registration No. 24,516

Send Correspondence to:

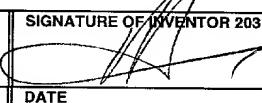
Milton S. Sales
Eastman Kodak Company
Patent Legal Staff
Rochester, NY 14650-2201

Direct Telephone Calls to:
(name and telephone number)

Frank Pincelli
(716) 726-1111
FAX: (716) 726-9178

2	FULL NAME OF INVENTOR	FAMILY NAME Fredlund	FIRST GIVEN NAME John	SECOND GIVEN NAME R.
0	RESIDENCE & CITIZENSHIP	CITY Rochester	STATE OR FOREIGN COUNTRY New York 14626 USA	COUNTRY OF CITIZENSHIP USA
1	BUSINESS ADDRESS	BUSINESS ADDRESS Eastman Kodak Company	CITY 343 State Street, Rochester	STATE & ZIP CODE (COUNTRY) New York 14650 USA
2	FULL NAME OF INVENTOR	FAMILY NAME Manico	FIRST GIVEN NAME Joseph	SECOND GIVEN NAME A.
0	RESIDENCE & CITIZENSHIP	CITY Rochester	STATE OR FOREIGN COUNTRY New York 14618 USA	COUNTRY OF CITIZENSHIP USA
2	BUSINESS ADDRESS	BUSINESS ADDRESS Eastman Kodak Company	CITY 343 State Street, Rochester	STATE & ZIP CODE (COUNTRY) New York 14650 USA
2	FULL NAME OF INVENTOR	FAMILY NAME Mackson	FIRST GIVEN NAME Richard	SECOND GIVEN NAME G.
0	RESIDENCE & CITIZENSHIP	CITY Pittsford	STATE OR FOREIGN COUNTRY New York 14534 USA	COUNTRY OF CITIZENSHIP USA
3	BUSINESS ADDRESS	BUSINESS ADDRESS Eastman Kodak Company	CITY 343 State Street, Rochester	STATE & ZIP CODE (COUNTRY) New York 14650 USA
2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
4	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
5	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
6	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 	SIGNATURE OF INVENTOR 202 	SIGNATURE OF INVENTOR 203 
DATE 16-DEC-98	DATE 12/15/98	DATE 12/15/98
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE